



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Belef et al.

Examiner: Unknown

Serial No.: 10/039,214

Group Art Unit: 3739

Filed: January 4, 2002

Docket No.: 1001.1424101

For: RAPID EXCHANGE SHEATH FOR DEPLOYMENT OF MEDICAL DEVICES
AND METHODS OF USE

Assistant Commissioner
for Patents
Washington, D.C. 20231

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS
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25th DAY OF June, 2002.

Glenn M. Seager
Glenn M. Seager

Dear Sirs:

INFORMATION DISCLOSURE STATEMENT

Pursuant to the obligations of candor and good faith imposed by 37 C.F.R. 1.56,
the documents listed on the attached PTO-1449 are hereby disclosed.

No representation is intended to be made hereby that any of the cited references
establishes, by itself or in combination with other information, a prima facie case of
unpatentability of any claim of the present case.

Dated: June 25, 2002

Respectfully submitted,

Glenn M. Seager
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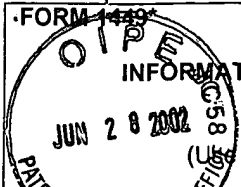
FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 1001.1424101	Application Number: 10/039,214
	Applicant: Belef et al.	
	Filing Date: January 4, 2002	Group Art Unit: 3739

U.S. Patent Documents

Examiner Initial	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
	6,344,049	02/05/02	Levinson et al.		
	6,319,268	11/20/01	Ambrisco et al.		
	6,309,399	10/30/01	Barbut et al.		
	6,290,710	09/18/01	Cryer et al.		
	6,287,321	09/11/01	Jang		
	6,287,291	09/11/01	Bigus et al.		
	6,280,413	08/28/01	Clark et al.		
	6,277,139	08/21/01	Levinson et al.		
	6,277,138	08/21/01	Levinson et al.		
	6,270,513	08/07/00	Tsugita et al.		
	6,264,672	07/24/01	Fisher		
	6,264,663	07/24/01	Cano		
	6,258,115	07/10/01	Dubrul		
	6,245,089	06/12/01	Daniel et al.		
	6,245,088	06/12/01	Lowery		
	6,245,087	06/12/01	Addis		
	6,238,412	05/29/01	Dubrul et al.		
	6,235,045	05/22/01	Barbut et al.		
	6,235,044	05/22/01	Root et al.		
	6,231,544	05/15/01	Tsugita et al.		
	6,224,620	05/01/01	Maahs		
	6,221,006	04/24/01	Dubrul et al.		
	6,214,026	04/10/01	Lepak et al.		
	6,206,868	03/24/01	Parodi		
	6,203,561	03/20/01	Ramee et al.		
	6,179,861	01/30/01	Khosravi et al.		
	6,179,859	01/30/01	Bates et al.		

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 JUL - 2 2002
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	6,179,851	01/30/01	Barbut et al.		
	6,171,328	01/09/01	Addis		
	6,171,327	01/09/01	Daniel et al.		
	6,168,579	01/02/01	Tsugita		
	6,165,200	12/26/00	Tsugita et al.		
	6,152,946	11/2800	Broome et al.		
	6,142,987	11/07/00	Tsugita		
	6,136,016	10/24/00	Barbut et al.		
	6,129,739	10/10/00	Khosravi		
	6,117,154	09/12/00	Barbut et al.		
	6,086,605	07/11/00	Barbut et al.		
	6,068,645	05/30/00	Tu		
	6,066,158	05/23/00	Engelson et al.		
	6,066,149	05/23/00	Samson et al.		
	6,059,814	05/09/00	Ladd		
	6,053,932	04/25/00	Daniel et al.		
	6,051,015	04/18/00	Maahs		
	6,051,014	04/18/00	Jang		
	6,042,598	03/28/00	Tsugita et al.		
	6,027,520	02/22/0	Tsugita et al.		
	6,013,085	01/11/00	Howard		
	6,010,522	01/04/00	Barbut et al.		
	6,007,557	12/28/99	Ambrisco et al.		
	6,001,118	12/14/99	Daniel et al.		
	5,997,557	12/07/99	Barbut et al.		
	5,993,469	11/30/99	McKenzie et al.		
	5,993,460	11/30/99	Beitelia et al.		

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 TC 3700 MAIL ROOM

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U.S. Patent Documents

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	5,989,281	11/23/99	Barbut et al.		
	5,980,555	11/09/99	Barbut et al.		
	5,954,745	09/21/99	Gertler et al.		
	5,947,995	09/07/99	Samuels		
	5,941,896	08/24/99	Kerr		
	5,941,869	08/24/99	Patterson et al.		
	5,935,139	08/10/99	Bates		
	5,925,062	07/20/99	Purdy		
	5,925,060	07/20/99	Forber		
	5,925,016	07/20/99	Chornenky et al.		
	5,911,734	06/15/99	Tsugita et al.		
	5,910,154	06/08/99	Tsugita et al.		
	5,895,399	04/20/99	Barbut et al.		
	5,876,367	03/02/99	Kaganov et al.		
	5,848,964	12/15/98	Samuels		
	5,846,260	12/08/98	Maahs		
	5,833,650	11/10/98	Imran		
	5,833,644	11/10/98	Zadno-Azizi et al.		
	5,827,324	10/27/98	Cassell et al.		
	5,814,064	09/29/98	Daniel et al.		
	5,810,874	09/22/98	Lefebvre		
	5,800,525	09/01/98	Bachinski et al.		
	5,800,457	09/01/98	Gelbfish		
	5,795,322	08/18/98	Bouewijn		
	5,792,157	08/11/98	Mische et al.		
	5,779,716	07/14/98	Cano et al.		
	5,769,816	06/23/98	Barbut et al.		

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JUL - 2 2002
TC 3700 MAIL ROOM

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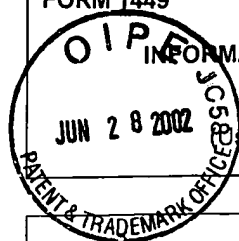
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Examiner Initial	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
	5,749,848	05/12/98	Jang et al.		
	5,728,066	03/17/98	Daneshvar		
	5,720,764	02/24/98	Naderlinger		
	5,695,519	12/09/97	Summers et al.		
	5,662,671	09/02/97	Barbut et al.		
	5,658,296	08/19/97	Bates et al.		
	5,650,126	07/22/97	Taoda et al.		
	5,549,626	08/27/96	Miller et al.		
	5,536,242	07/16/96	Willard et al.		
	5,462,529	10/31/95	Simpson et al.		
	5,456,667	10/10/95	Ham et al.		
	5,449,372	09/12/95	Schmaltz et al.		
	5,423,742	06/13/95	Theron		
	5,421,832	06/06/95	Lefebvre		
	5,376,100	12/27/94	Lefebvre		
	5,354,310	10/11/94	Garnie et al.		
	5,330,484	07/19/94	Gunther		
	5,329,942	07/19/94	Gunther et al.		
	5,224,953	07/06/93	Morgentaler		
	5,160,342	11/03/92	Reger et al.		
	5,152,777	10/06/92	Goldberg et al.		
	5,152,771	10/06/92	Sabbaghian et al.		
	5,133,733	07/28/92	Rasmussen et al.		
	5,102,415	04/07/92	Guenther et al.		
	5,100,423	03/31/92	Fearnot		
	5,071,407	12/10/91	Termin et al.		
	5,053,008	10/01/91	Bajaj		

RECEIVED
JUL - 2 2002
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	5,011,488	04/30/91	Ginsburg		
	5,002,560	03/26/91	Machold et al.		
	4,998,539	03/12/91	Delsanti		
	4,969,891	11/13/90	Gewertz		
	4,926,858	05/22/90	Giffort, III et al.		
	4,921,484	05/01/90	Hillstead		
	4,921,478	05/01/90	Solano et al.		
	4,873,978	10/17/89	Ginsburg		
	4,807,626	02/28/89	McGirr		
	4,794,928	01/03/89	Kletschka		
	4,790,813	12/13/88	Kensey		
	4,790,812	12/13/88	Hawkins, Jr., et al.		
	4,723,549	02/09/88	Wholey et al.		
	4,706,671	11/17/87	Weinrib		
	4,650,466	03/17/87	Luther		
	4,619,246	10/28/86	Molgaard-Nielsen et al.		
	4,590,938	05/27/86	Segura et al.		
	4,425,908	01/17/84	Simon		
	4,046,150	09/06/77	Schwartz et al.		
	3,996,938	12/14/76	Clark, III		
	3,952,747	04/27/76	Kimmell, Jr.		
	3,472,230	10/19/69	Fogarty		
	B1 4,842,579	10/31/95	Shiber		

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JUL - 2 2002
TO 3700 MAIL ROOM

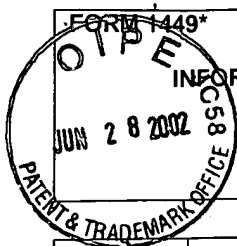
FOREIGN PATENT DOCUMENTS

	WO 01/91824	12/06/01	WIPO		
	WO 01/89413	11/29/01	WIPO		
	WO 01/87183	11/22/01	WIPO		

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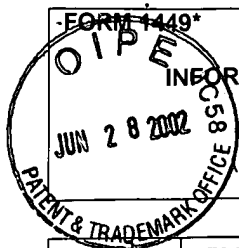


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	WO 01/72205	10/04/01	WIPO		
	WO 01/70326	09/27/01	WIPO		
	WO 01//67989	09/20/01	WIPO		
	EP 1 127 556 A2	08/29/01	EPO		
	WO 01/60442	08/23/01	WIPO		
	WO 01/58382	08/16/01	WIPO		
	WO 01/52768	07/26/01	WIPO		
	WO 01/49355	07/12/01	WIPO		
	WO 01/49215	07/12/01	WIPO		
	WO 01/49209	07/12/01	WIPO		
	WO 01/49208	07/12/01	WIPO		
	WO 01/47579	07/05/01	WIPO		
	WO 01/43662	06/21/01	WIPO		
	WO 01/35857	05/25/01	WIPO		
	WO 01/26726	04/19/01	WIPO		
	WO 01/21100	03/29/01	WIPO		
	WO 01/21077	03/29/01	WIPO		
	WO 01/15629	03/08/01	WIPO		
	WO 01/10320	02/15/01	WIPO		
	WO 01/08743	02/08/01	WIPO		
	WO 01/08742	02/08/01	WIPO		
	WO 01/08596	02/08/01	WIPO		
	WO 01/08595	02/08/01	WIPO		
	WO 01/05462	01/25/01	WIPO		
	WO 00/67669	11/16/00	WIPO		
	WO 00/67668	11/16/00	WIPO		
	WO 00/67666	11/16/00	WIPO		
	WO 00/67665	11/16/00	WIPO		
	WO 00/67664	11/16/00	WIPO		
	DE 199 16 162	10/26/00	Germany		English Abstract

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JUL - 2 2002
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	WO 00/53120	09/14/00	WIPO		
	WO 00/49970	08/31/00	WIPO		
	WO 00/16705	03/30/00	WIPO		
	WO 00/09054	02/24/00	WIPO		
	WO 00/07655	02/17/00	WIPO		
	WO 00/07521	02/17/00	WIPO		
	WO 99/58068	11/18/99	WIPO		
	WO 99/55236	11/04/99	WIPO		
	WO 99/44542	09/10/99	WIPO		
	WO 99/44510	09/10/99	WIPO		
	EP 0 934 729	08/11/99	WIPO		
	WO 99/42059	08/26/99	WIPO		
	WO 99/40964	08/19/99	WIPO		
	WO 99/30766	06/24/99	WIPO		
	WO 99/25252	05/27/99	WIPO		
	WO 99/23976	05/20/99	WIPO		
	WO 99/22673	05/14/99	WIPO		
	FR 2 768 326 A1	03/19/99	FR		English Abstract
	WO 99/09895	03/04/99	WIPO		
	WO 98/55175	12/10/98	WIPO		
	WO 98/51237	11/19/98	WIPO		
	WO 98/50103	11/12/98	WIPO		
	WO 98/49952	11/12/98	WIPO		
	WO 98/47447	10/29/98	WIPO		
	WO 98/46297	10/22/98	WIPO		
	WO 98/39053	09/11/98	WIPO		
	WO 98/39046	09/11/98	WIPO		
	WO 98/38929	09/11/98	WIPO		
	WO 98/38920	09/11/98	WIPO		
	WO 98/36786	08/27/98	WIPO		

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	WO 98/34673	08/13/98	WIPO		
	WO 98/33443	08/06/98	WIPO		
	EP 0 852 132 A1	07/08/98	EPO		English Abstract
	WO 98/23322	06/04/98	WIPO		
	WO 98/02084	01/22/98	WIPO		
	WO 98/02112	01/22/98	WIPO		English Abstract
	WO 97/42879	11/20/97	WIPO		
	WO 97/27808	08/07/97	WIPO		
	EP 0 784 988 A1	07/23/97	EPO		
	WO 97/17100	05/15/97	WIPO		
	EP 0 771 549 A2	05/07/97	EPO		English Abstract
	EP 0 759 287 A1	02/26/97	EPO		English Abstract
	EP 0 743 046 A1	11/20/96	EPO		
	WO 96/33677	10/31/96	WIPO		
	EP 0 737 450 A1	10/16/96	EPO		
	WO 96/23441	08/08/96	WIPO		
	JP 8-187294 A	07/23/96	JP		English Abstract
	WO 96/19941	07/04/96	WIPO		
	WO 96/10375	04/11/96	WIPO		
	WO 96/01591	01/25/96	WIPO		
	EP 0 696 447 A2	02/14/96	EP		
	EP 0 686 379 A2	06/02/95	EP		
	EP 0 655 228 A1	11/22/94	EPO		English Abstract
	WO 94/24946	11/10/94	WIPO		
	WO 94/14389	07/07/94	WIPO		English Abstract
	EP 0 533 511 A1	03/24/93	EP		
	FR 2 694 687	08/12/92	FR		English Abstract
	FR 2 666 980	03/27/92	FR		English Abstract
	WO 92/03097	03/05/92	WIPO		
	EP 0 472 368 A2	02/26/92	EP		

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EP 0 472 334 A1	02/26/92	EP	
EP 0 437 121 B1	07/17/91	EP	
EP 0 427 429 A2	05/15/91	EPO	
EP 0 411 118 A1	02/06/91	EP	
DE 40 30 998 A1	10/1990	Germany	
FR 2 643 250 A1	08/24/90	FR	English Abstract
WO 88/09683	12/15/88	WIPO	
EP 0 293 605 A1	12/07/88	EP	
FR 2 580 504	10/24/86	FR	English Abstract
EP 0 200 688	11/05/86	EP	
DE 34 17 738	11/14/85	DE	Translation
SU 764684	09/25/80	U.S.S.R.	Translation
UK 2 020 557 B	01/19/83	UK	
DE 28 21 048	07/17/80	DE	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

"Atherosclerotic Disease of the Aortic Arch as a Risk Factor of Recurrent Ischemic Stroke,"
The New England Journal of Medicine, pp. 1216-1221 (May 1996)

"Endovascular Grafts, Stents Drive Interventional Radiology Growth," Cardiovascular
Device Update, 2(3):1-12 (March 1996)

"Protruding Atheromas in the Thoracic Aortic and Systemic Embolization," pp. 423-427
American College of Physicians (1991)

"Recognition and Embolic Potential of Intraaortic Atherosclerotic Debris," American College
of Cardiology (January 1991)

Cragg, Andrew et al., "A New Percutaneous Vena Cava Filter," AJR, 141:601-604
(September 1983)

Cragg, Andrew et al., "Nonsurgical Placement of Arterial Endoprosthesis: A New Technique
Using Nitinol Wire," AJR, pp. 261-263 (April 1983)

Diethrich et al., "Percutaneous Techniques for Endoluminal Carotid Interventions," J.
Endovasc. Surg., 3:182-202 (1996)

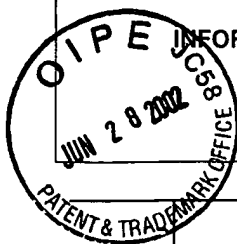
Fadali, A. Moneim, "A filtering device for the prevention of particulate embolization during
the course of cardiac surgery," Surgery, 64(3):634-639 (September 1968)

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	Haissaguerre et al., "Spontaneous Initiation of Atrial Fibrillation by Ectopic Beats Originating in the Pulmonary Veins," <u>The New England Journal of Medicine</u> , 339(10):659-666 (September 1988)
	Jordan, Jr. et al., "Microemboli Detected by Transcranial Doppler Monitoring...", <u>Cardiovascular Surgery</u> , 7(1):33-38 (January 1999)
	Lesh, "Can Catheter Ablation Cure Atrial Fibrillation?" <u>ACC Current Journal Review</u> , pp. 38-40 (September/October 1997)
	Lund et al., "Long-Term Patentcy of Ductus Arteriosus After Balloon Dilation: an Experimental Study," <u>Laboratory Investigation</u> , 69(4):772-774 (April 1984)
	Marache et al., "Percutaneous Transluminal Venous Angioplasty...", <u>American Heart Journal</u> , 125(2 Pt 1):362-366 (February 1993)
	Mazur et al., "Directional Atherectomy with the Omnicath™: A Unique New Catheter System," <u>Catheterization and Cardiovascular Diagnosis</u> , 31:17-84 (1994)
	Moussa, MD, Issaam "Stents Don't Require Systemic Anticoagulation...But the Technique (and Results) Must be Optimal," <u>Journal of Invasive Cardiol.</u> , 8(E):3E-7E, (1996)
	Nakanishi et al., "Catheter Intervention to Venous System Using Expandable Metallic Stents," <u>Rinsho Kyobu Geka</u> , 14(2):English Abstract Only (April 1994)
	Onal et al., "Primary Stenting for Complex Atherosclerotic Plaques in Aortic and Iliac Stenoses," <u>Cardiovascular & Interventional Radiology</u> , 21(5):386-392 (1998)
	Theron et al., "New Triple Coaxial Catheter System for Carotid Angioplasty with Cerebral Protection," <u>American Journal of Neuroradiology</u> , 11:869-874 (1990)
	Tunick et al., "Protruding atherosclerotic plaque in the aortic arch of patients with systemic embolization: A new finding seen by transesophageal echocardiography," <u>American Heart Journal</u> 120(3):658-660 (September 1990)
	Waksman et al., "Distal Embolization is Common After Directional Atherectomy...", <u>American Heart Journal</u> , 129(3):430-435 (1995)
	Wholey, Mark H. et al., PTA and Stents in the Treatment of Extracranial Circulation," <u>The Journal of Invasive Cardiology</u> , 8(E):25E-30E (1996)

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3739

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Belef et al.

Serial No.: 10/039,214

Examiner: Unknown

Filed: January 4, 2002

Group Art Unit: 3739

For: RAPID EXCHANGE SHEATH FOR DEPLOYMENT OF MEDICAL DEVICES
AND METHODS OF USE

Docket No.: 1001.1424101


TRANSMITTAL SHEET

Assistant Commissioner for Patents
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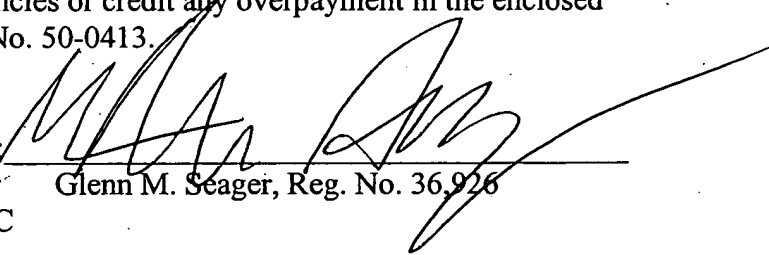
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